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NEWS
      1
                 "Ask CAS" for self-help around the clock
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                 New STN AnaVist pricing effective March 1, 2006
NEWS
         FEB 27
                 STN AnaVist $500 visualization usage credit offered
NEWS
         APR 04
                 CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS
     5
         MAY 10
                 KOREAPAT updates resume
NEWS
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        MAY 11
                 Derwent World Patents Index to be reloaded and enhanced
NEWS
      7
        MAY 19
                 IPC 8 Rolled-up Core codes added to CA/CAplus and
NEWS
     8
        MAY 30
                 USPATFULL/USPAT2
                 The F-Term thesaurus is now available in CA/CAplus
         MAY 30
NEWS 9
                 The first reclassification of IPC codes now complete in
         JUN 02
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                 INPADOC
                 TULSA/TULSA2 reloaded and enhanced with new search and
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         JUN 26
                 and display fields
                 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 12
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                 CHEMSAFE reloaded and enhanced
NEWS 13
         JUl 11
NEWS 14
         JUl 14
                 FSTA enhanced with Japanese patents
                 Coverage of Research Disclosure reinstated in DWPI
NEWS 15
         JUl 19
                 INSPEC enhanced with 1898-1968 archive
NEWS 16 AUG 09
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NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 12:16:50 ON 14 AUG 2006

=> file reg COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST ENTRY SESSION 0.21 0.21

FILE 'REGISTRY' ENTERED AT 12:17:00 ON 14 AUG 2006 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 AUG 2006 HIGHEST RN 901009-82-3 DICTIONARY FILE UPDATES: 13 AUG 2006 HIGHEST RN 901009-82-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10542529\Struc 1.str

chain nodes : 37 38 39 31 32 33 34 35 36 ring nodes : 10 19 20 21 22 23 5 6 7 8 9 11 12 13 14 15 16 17 18 1 2 3 4 24 25 26 27 28 29 30 chain bonds : 2-10 5-11 14-25 16-31 17-39 18-32 19-40 20-33 26-36 27-38 28-35 29-37 30-34 ring bonds : 1-2 1-5 2-3 3-4 3-6 4-5 4-9 6-7 7-8 8-9 10-12 10-15 11-16 11-20 12-13 13-24 14-15 16-17 17-18 18-19 19-20 21-22 22-23 23-24 25-26 12-21 13-14 27-28 28-29 29-30 26-27 25-30 10542529.trn

Page 3

exact/norm bonds :

1-2 1-5 2-3 4-5 10-12 10-15 11-16 11-20 13-14 14-15 16-17 16-31 17-18 18-19 18-32 19-20 20-33 25-26 25-30 26-27 26-36 27-28 28-29 28-35 29-30 30-34

exact bonds :

2-10 5-11 14-25 17-39 19-40 27-38 29-37

normalized bonds :

3-4 3-6 4-9 6-7 7-8 8-9 12-13 12-21 13-24 21-22 22-23 23-24

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

Structure attributes must be viewed using STN Express query preparation.

=> 11

SAMPLE SEARCH INITIATED 12:17:17 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS SEARCH TIME: 00.00.01

0 ANSWERS

10542529.trn

Page 4

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

L2 0 SEA SSS SAM L1

=> 11 full

FULL SEARCH INITIATED 12:17:21 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4 TO ITERATE

100.0% PROCESSED 4 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> Uploading C:\Program Files\Stnexp\Queries\10542529\Struc 2.str

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 chain bonds: 2-10 5-11 14-25 ring bonds: 1-2 1-5 2-3 3-4 3-6 4-5 4-9 6-7 7-8 8-9 10-12 10-15 11-16 11-20 12-13 12-21 13-14 13-24 14-15 16-17 17-18 18-19 19-20 21-22 22-23 23-24 25-26 25-30 26-27 27-28 28-29 29-30 exact/norm bonds: 1-2 1-5 2-3 4-5 10-12 10-15 11-16 11-20 13-14 14-15 16-17 17-18 18-19 19-20 25-26 25-30 26-27 27-28 28-29 29-30 exact bonds: 2-10 5-11 14-25 normalized bonds: 3-4 3-6 4-9 6-7 7-8 8-9 12-13 12-21 13-24 21-22 22-23 23-24

Match level :

ring nodes :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom

10542529.trn

L4 STRUCTURE UPLOADED

=> d L4 HAS NO ANSWERS L4 STR

Structure attributes must be viewed using STN Express query preparation.

=> 14 SAMPLE SEARCH INITIATED 12:18:05 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 6 TO ITERATE

100.0% PROCESSED 6 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

PROJECTED ITERATIONS: 6 TO 266

PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> 14 full

FULL SEARCH INITIATED 12:18:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 91 TO ITERATE

100.0% PROCESSED 91 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

L6 0 SEA SSS FUL L4

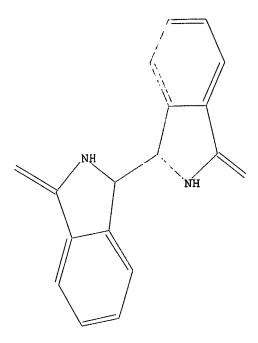
10542529.trn

Page 6

=> Uploading C:\Program Files\Stnexp\Queries\10542529\Struc 3.str chain nodes : 11 20 ring nodes : 1 2 3 4 5 6 7 8 9 10 12 13 14 15 16 17 18 19 chain bonds : 2-10 5-11 14-20 ring bonds : 1-2 1-5 2-3 3-4 3-6 4-5 4-9 6-7 7-8 8-9 10-12 10-15 12-13 12-16 13-14 13-19 14-15 16-17 17-18 18-19 exact/norm bonds : 1-2 1-5 2-3 4-5 10-12 10-15 13-14 14-15 exact bonds : 2-10 5-11 14-20 normalized bonds : 3-4 3-6 4-9 6-7 7-8 8-9 12-13 12-16 13-19 16-17 17-18 18-19 Match level : 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom

L7 STRUCTURE UPLOADED

=> d L7 HAS NO ANSWERS L7 STR



Structure attributes must be viewed using STN Express query preparation.

=> 17

SAMPLE SEARCH INITIATED 12:18:53 FILE 'REGISTRY'

16 TO ITERATE SAMPLE SCREEN SEARCH COMPLETED -

16 ITERATIONS 100.0% PROCESSED

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE** **COMPLETE** BATCH

80 TO 560 PROJECTED ITERATIONS: 0 TO 0 PROJECTED ANSWERS:

0 SEA SSS SAM L7 L8

=> 17 full

FULL SEARCH INITIATED 12:18:56 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED -345 TO ITERATE

0 ANSWERS 100.0% PROCESSED 345 ITERATIONS

SEARCH TIME: 00.00.01

L9 0 SEA SSS FUL L7

=> log h

SINCE FILE TOTAL COST IN U.S. DOLLARS ENTRY SESSION 501.47 FULL ESTIMATED COST 501.26

SESSION WILL BE HELD FOR 60 MINUTES STN INTERNATIONAL SESSION SUSPENDED AT 12:19:10 ON 14 AUG 2006